

S. P. LIONBERGER.

Land Marker.

No. 90,277.

Patented May 18, 1869.

Fig. 1

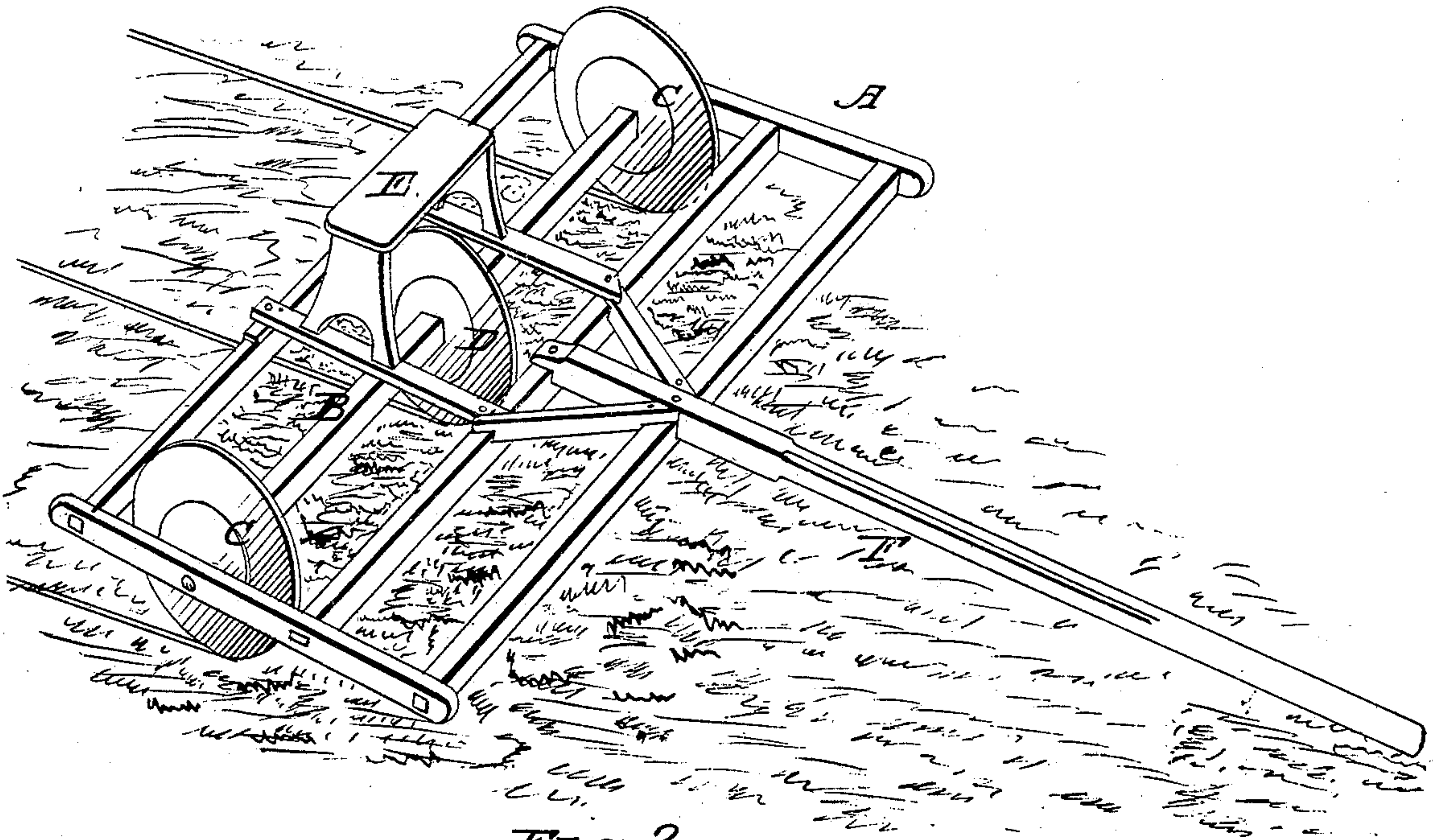
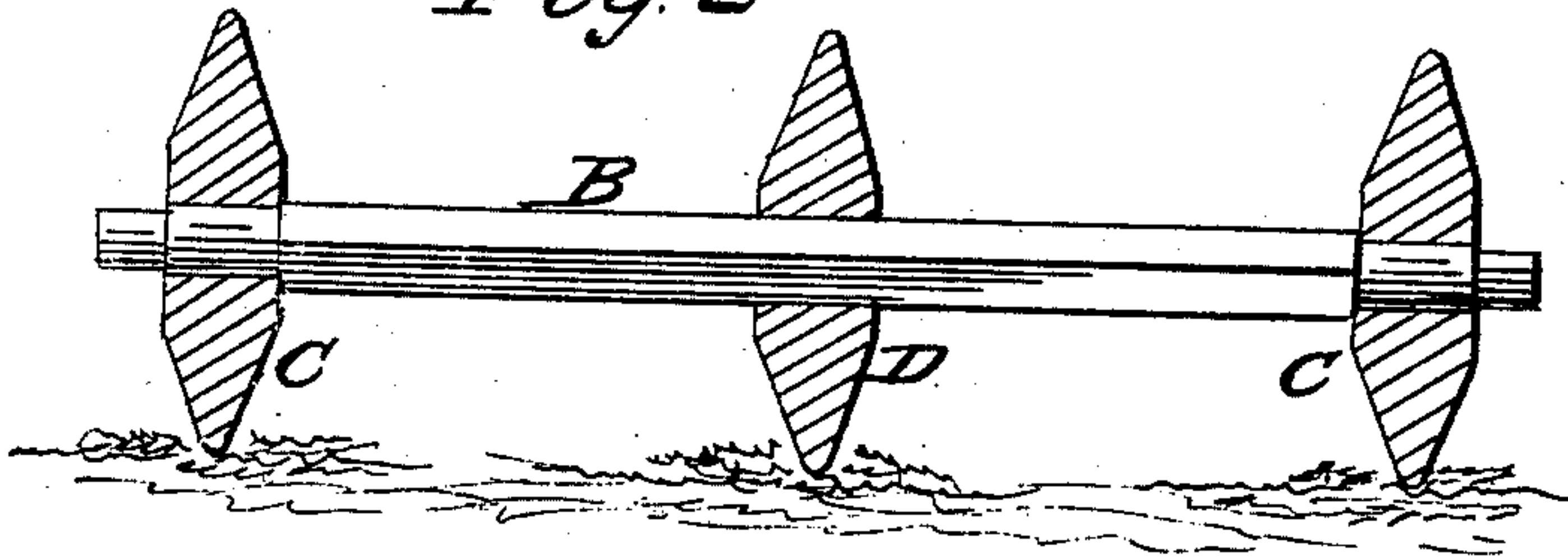


Fig. 2



Witnesses

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SILAS P. LIONBERGER, OF ST. MARY'S TOWNSHIP, ILLINOIS.

Letters Patent No. 90,277, dated May 18, 1869.

IMPROVEMENT IN GROUND-MARKERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, SILAS P. LIONBERGER, of St. Mary's township, in the county of Hancock, and State of Illinois, have invented a certain new and useful machine called a Corn-Ground Marker; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

This invention relates to a machine for marking corn-ground previous to planting; and consists of a series of revolving marking-rollers, mounted upon a shaft in a suitable frame, all as hereinafter more fully described.

In the drawings—

Figure 1 is a perspective view of my machine.

Figure 2 is a longitudinal section through the aforesaid shaft and its rollers.

In the drawing, A represents a strong rectangular wooden frame, provided with a tongue, F.

Mounted longitudinally within this frame, is a revolving shaft, B, upon which are mounted three rollers, C C and D, which rollers run on the ground, and support the frame A.

One of the said rollers is secured near each end of the shaft, and the third midway between them, the end rollers being free to revolve upon the shaft, but the middle roller D is fixed and can only turn with the shaft.

At the centre of the machine, above the roller D, is placed a seat, E, upon which the driver sits, said seat being supported by legs attached to cross-bars on frame A, as shown in fig. 1.

The machine, when in use, is drawn by either one or two horses, attached to the tongue F, the driver being seated upon the seat E, and his weight forcing the rollers into the earth.

The rollers will, when the machine is drawn across the field, leave each time three parallel marks or furrows.

After the field has been marked its whole width in one direction, the machine is drawn across it at right angles to the former course, and thus the ground "check-marked," the corn being dropped at the points where the lines intersect.

By having the end rollers loose upon the shaft, the machine may be turned square around, the middle roller serving as a pivot upon which the machine turns.

A machine thus constructed is very simple, light, and effective, and may be easily drawn by one horse.

All hinged or pivoted frames, chains, levers, &c., common to others, are dispensed with, and a machine produced equal if not superior to them.

It is obvious that the machine may be arranged for two or more horses, if desired, and that any suitable number of rollers may be used, and they of any suitable form on the face.

Having thus described my invention,

What I claim, is—

The marking-machine, consisting of the frame A, having the shaft B, with the stationary roller D, and the loose rollers C, all constructed and arranged substantially as described.

SILAS P. LIONBERGER.

Witnesses:

JOHN A. ROSS,
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